

Nuremberg Actions, Greg Getty
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Attn. Spencer Abraham,

Dear DOE Chief;

1/32.02

In 1996 the International Court of Justice put an end to any substantial legal question about the mass murder being discussed here today. If we are not to all be complicit with the crime should not the honorable representatives proposing that we consent to radioactive forms of mass murder being perpetrated on our behalf, be challenged for their participation and made to answer for charges of 182,187 violation, conspiracy to murder, if the U.S. Attorney General will not act on the Title 18 section 1116, 1117 violation. And specifically as a Title 18 violation can you assure me you will forward this information and complaint to the U.S. Attorney General as required under the Ethics in Government Act. (Section 535 (b) of Title 28)

Dated: 4-27-04


Greg Getty, c/o Nuremberg Actions
P.O. Box 1637, Pittsburg, Ca. 94565
925-746-1168

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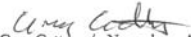
To Tom Grim,

Dear DOE;

1/32.02

In 1996 the International Court of Justice put an end to any substantial legal question about the mass murder being discussed here today. If we are not to all be complicit with the crime should not the honorable representatives proposing that we consent to radioactive forms of mass murder being perpetrated on our behalf, be challenged for their participation and made to answer for charges of 182,187 violation, conspiracy to murder, if the U.S. Attorney General will not act on the Title 18 section 1116, 1117 violation. And specifically as a Title 18 violation can you assure me you will forward this information and complaint to the U.S. Attorney General as required under the Ethics in Government Act. (Section 535 (b) of Title 28)

Dated: 4-28-04


Greg Getty, c/o Nuremberg Actions
P.O. Box 1637, Pittsburg, Ca. 94565
925-746-1168

Office of Peace, Justice, and Care of Creation, Dominican Sisters of
Mission San Jose, CA, Stella Goodpasture, OP

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P.O. Box 7465
Oakland, CA 94601-0465

Office of Peace, Justice, and Care of Creation
Dominican Sisters of Mission San Jose, CA

May 4, 2004

Tom Grim
Document Manager
NNSA Livermore Site Office, L-293
7000 East Ave.
Livermore, CA 94550-9234

Comments on the Site-Wide Environmental Impact Statement (SWEIS) for the
Lawrence Livermore National Laboratory for the next ten years.

We are Dominican Sisters writing to express our grave concern over the Ten Year Plan for Livermore, especially in view of current US foreign policy. We address you representing more than 300 members of our Congregation, living and working in California and beyond. We have a strong commitment to peace, justice, and to environmental issues. Our Congregation has taken a well-considered Corporate Stance on Nonviolence and Peace, which reads as follows.

1/04.01 *As Dominican Sisters of Mission San Jose, we are committed to a stance of nonviolence and peace. We hold a vision which reverences and affirms the dignity of each person and seeks to bring the Gospel to bear with depth and compassion on the critical issues of our times. There is no more critical issue today affecting the peace and welfare of the whole human family than the impending attack on Iraq by the United States.*

Therefore, we stand in opposition to a United States pre-emptive strike against Iraq or any other nation. We implore the United States to respect the UN process. We are committed to this in view of the Gospel mandate for peace, justice, and the care of all life.

2/02.01 Many US Dominican Congregations of Women have opposed the production, storage, and planned usage of nuclear weapons, whether on earth or in outer space. Three Dominican women religious now serve terms in federal prison for their opposition to nuclear weapons. We wish to submit some of their statements, knowing these represent the opposition of their congregation and of many religious persons of every faith in this country and around the world. Dominicans are in 150 countries of the world.

If you want peace, work for justice. Pope Paul IV

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3/32.04

"We, women religious, naming ourselves SACRED EARTH AND SPACE PLOWSHARES II, come to Colorado to unmask the false religion and worship of national security so evident at Buckley AFB in Aurora, the Missile Silos, and the Colorado Springs: Schriever AFB (The Space Warfare Center), the Air Force Space Command Center at Peterson AFB, Cheyenne Mountain (NORAD), and the Air Force Academy. We reject the mission of these along with the U.S. Space Command and Stratcom in Omaha, NE

"As Roman Catholic sisters, we feel an urgency to break our complicity and sound an alarm to the madness of these times. We must abide by God's law, which challenges the United States government on both the national and international levels. We in the U.S. are losing our humanity. (Sisters Carol Gilbert OP, Jackie Hudson OP and Ardeth Platte OP) (In the "plowshares action" the sisters took, they symbolically "disarmed" the Minuteman III missiles, which have three 335-kiloton nuclear warheads. One missile has 80 times the power of the atomic bomb dropped on Hiroshima. The U.S. has approximately 5000 Minuteman III missiles on alert in the Great Plains.)

We now consider the present possession and planned use of nuclear weapons in the light of The National Security Strategy of the United States of America of September 2002 which dedicates the US to a global struggle "between liberty and totalitarianism", and states that "to defeat this threat we must make use of every tool in our arsenal—military power...reaching "to all who harbor terrorists—because the allies of terror are the enemies of civilization". The Strategy states that what we say is right is right *"for all people everywhere"*. This Strategy goes on to say that in defending the United States, "we will not hesitate to act alone, if necessary, to exercise our right of self-defense by acting preemptively against such terrorists..." (pp. 1-6 National Security Strategy) .

4/01.01

What we read in this document is born out in the events concerning Iraq. The people of Iraq are suffering subjected to brutality, human rights violations, and threat to life under the unjust, illegal, and immoral U.S. occupation of their country. We have many Dominican Sisters in Iraq, and this policy is very personal to us. With the People's Forum on Peace for Life in Seoul, Korea, October 13, 2003 at the International Ecumenical Conference on Terrorism in a Globalized World, "we lament the wanton loss of life, destruction of communities, and mounting injustice because of the greed and arrogance of the Empire. In solidarity with victims of injustice and people in struggle against all forms of oppression, we are driven to reclaim the gift of life given us by God: 'I have set before you life and death...Now choose life, so that you and your children may live.' Deuteronomy 30:19"

"Encouraged by the U.S. Doctrine of pre-emptive strikes, Israel has bombed Syria on the pretext of self-defense, inflicting further violence, this is state terrorism. We condemn state terrorism in all its forms. The war on terror has militarized problems-solving—a doctrine supported by a crusade-like theology of 'us verses them,' which has spread everywhere—resulting in increased arms trade, stockpiling of weapons, and disturbing use of the military in domestic law enforcement in one country after another."

In U.S. policy, there has been clear unilateralism, disregard for the processes of the United Nations, lack of full disclosure, deceitful statement of intention, with the current resulting catastrophe. Will we get to the point of nuclear weapons? All people would recognize the stupid horror of that, and yet we have been on the brink of such use in

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- 4/01.01
cont. several past wars. Use of such weapons lies within our military doctrine. It may be the end game of our vision of domination.
- 2/02.01
cont. We believe that to increase our nuclear weapons program (and to work on biological and other chemical weapons) is to disregard world opinion. It is to disregard the good of the human family, to disregard its fears, to disregard the aspirations of its youth, to disregard its desire for a peaceful future, to *disregard its hope for a future free from terrorism.*
- 5/01.03
Currently we bully other nations with our arsenal of nuclear weapons, while forbidding them similar weapons. In the process we make more and more enemies, and give 'justification' for whatever kind of terrorism others can lay hold of. How can we fail to understand that the greatest victory envisioned by such enemies might be to secure and to use against ourselves the weapons with which we hold them hostage to our way of running the world? And, in fact, we are the ones who have spread such technology through our temporary allies. More than 40 nations have nuclear technology and can proceed toward nuclear weapons. It is now that we need, more than ever, to abide by and to strengthen nuclear weapons treaties. We need a firm commitment to nuclear disarmament as a step away from the increase of world terrorism.
- If not, "we march like lemmings to the sea" of our own destruction. The "steps" might be those described in a February, 2004, letter from Sister Jackie Hudson, OP., written in her Victorville prison cell:
- 6/03.01 "Congress has provided over \$6 Billion for research, expansion and upgrades for the country's nuclear capabilities...the administration succeeded in pushing through the repeal of the law banning development of smaller, more useable low-yield nuclear warheads...approved funding for study of a new 'bunker-buster' warhead...approved money for manufacturing new 'pits' (the plutonium cores of warheads)...and tritium, a radioactive gas used to boost the power of warheads..." James Steingold, SF Chronicle 12/67/03
- "All of this in the same year that the US votes in the UN were:
- 4/01.01
cont.
1. Against bringing the Comprehensive Test Ban Treaty (CTBT) into force
Yes - 173 No - 1 (US) Abstentions - 4
 2. Against compliance with the Nuclear Nonproliferation treaty (NPT) calling for total elimination of nuclear weapons
Yes - 164 No - (US and India) Abstentions - 14
 3. Against compliance with the 2000 NPT treaty which includes missile defenses, weapons of mass destruction, weaponization of space and reduction of non-strategic weapons
Yes - 128 No - 6 (including the US) Abstentions - 41
 4. Against pursuing in good faith the obligation of nuclear disarmament as a follow-up on the 1996 opinion of the International Court of Law on the Illegality of Nuclear Weapons
Yes - 165 No - 4 (US, France, Russia and Israel) Abstentions - 4

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- 4/01.01
cont. 5. Against prevention of an arms race in outer space and the prevention of the weaponization of space
Yes - 174 No - 0 Abstentions - 4 (US, Micronesia and Marshall Islands)"
- 7/23.01 Environmentally speaking, the work at Livermore, as well as all stages of the storage, transport, testing, and planned use of nuclear weapons is fraught with danger. We need to recognize that in the plans for new and expanded weapons work at Livermore, we are increasing dangers in our neighborhood—the Bay Area, Livermore, Pleasanton, Mission San Jose—where the children of nuclear workers live. Plutonium has been called the most toxic substance known to man. In the nuclear weapons work, including the plans to resume nuclear testing, it may be said that we human animals, unlike all other animals, soil our worldly nest with pollutants, causing diseases and killing our own children before their time. We endanger the security of our own people and of the planet through the proliferation of nuclear weapons, which, more than weapons of 'mass destruction' are weapons of annihilation. For all the foregoing reasons, with the strongest voice, we object to the ten-year plan for Livermore.
- 3/32.04
cont. In the words of our Holy Father, we need a 'moral about face.' "The whole world must summon the moral courage and technical means to say 'no' to nuclear conflict; "no" to weapons of mass destruction; "no" to an arms race which robs the poor and the vulnerable; and "no" to the moral danger of a nuclear age which places before humankind indefensible choices of constant terror or surrender. Peace making is not an option commitment. It is a requirement of our faith. We are called to be peacemakers, not be some movement of the moment, but by our Lord Jesus. The content and context of our peacemaking is set, not by some political agenda or ideological program, but by the teaching of his Church." The Challenge of Peace #333 (US Catholic Bishops, 1986)
- 8/07.01 We believe that the Livermore Nuclear Weapons Lab should be completely converted to science for protecting our environment.

Stella Goodpasture

Stella Goodpasture, OP
Mary Sean Hodges, OP
Mary Virginia Leach, OP
Promoters of Social Justice
Dominican Sisters of Mission San Jose, CA

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Draft Site-wide Environmental Impact Statement
for Continued Operation of Lawrence Livermore
National Laboratory and Supplemental Stockpile
Stewardship and Management Programmatic
Environmental Impact Statement
U.S. Department of Energy
National Nuclear Security Administration



Written Comment Form

Must be received on or before May 27, 2004.

- 1/08.02 I feel that all plutonium and tritium should be removed from LLNL. Research using these materials is totally inappropriate in a populated area.
- 2/01.01 Construction of NIF should cease. The use of this facility violates the Non-Proliferation treaty.
- 3/07.01 LLNL should change its focus from sustaining and producing nuclear weapons of mass destruction to activities that address clean up of the nuclear weapons complex and other research to promote energy independence, renewable energy sources, and meet human needs. LLNL should promote non-proliferation of WMD's. It can begin by recognizing that NIF and plutonium pit manufacturing facility increase the possibility of nuclear proliferation by violating the NPT.
- 2/01.01 cont. There are so many ways the extraordinary resources of the lab could improve the environment. The pit facility and NIF create and fuel an environmental and diplomatic disaster. Perhaps the EIS should address the effect on the psychological environment of continued research and development of WMD's.

Comment forms may be mailed to:
Mr. Tom Grim
Document Manager
National Nuclear Security Administration
Livermore Site Office, L-293
7000 East Avenue
Livermore, CA 94550-9234

Comment forms may be faxed to:
Mr. Tom Grim
(925) 422-1776

Jonathan Oldfather
158 Pine St
San Anselmo, CA 94960

Dear Mr. Grim,

Please consider this letter with my comments on the environmental and proliferation risks from proposed nuclear weapons development and new plutonium and tritium programs at the U.S. Department of Energy's (DOE) Lawrence Livermore National Laboratory (LLNL).

I write to you because the DOE has prepared a draft Site Wide Environmental

1/02.01

Impact Statement (SWEIS) that proposes to ramp up nuclear weapons activities at the Livermore Lab in Northern California. Livermore Lab is working on the design of a new, high-yield nuclear bunker-buster, called the "Robust Nuclear Earth Penetrator," and I oppose its development. Additionally, I oppose the development of so-called "mini-nukes" and other new nuclear weapons concepts being researched at Livermore Lab.

Here are my comments on six dangerous new programs being proposed at Livermore Lab.

2/08.02

1. Storage of More Nuclear Materials: This plan will more than double the storage limit for plutonium at Livermore Lab from 1,540 pounds to 3,300

pounds. It would increase the radioactive tritium storage limit from 30 grams to 35 grams. I join California Peace Action and the Livermore-based Tri-Valley CAREs group in calling on DOE to de-inventory the plutonium and tritium stocks at Livermore Lab, not increase them.

3/27.01,
33.01

2. Plutonium Atomic Vapor Laser Isotope Separation (AVLIS): This plan will revive a project that was canceled more than 10 years ago because it was dangerous and unnecessary. The project is Plutonium AVLIS. This is a scheme to heat and vaporize plutonium and then shoot multiple laser beams through the hot vapor to separate out plutonium isotopes. To do this, Livermore Lab plans to increase the amount of plutonium that can be used at

one time in any one room from 44 pounds to 132 pounds a 3-fold increase. I

join California Peace Action and the Livermore-based Tri-Valley CAREs in calling for cancellation of this project.

4/26.01,
26.03

3. Dangerous New Experiments in the National Ignition Facility Mega-Laser: This plan will add plutonium, highly-enriched uranium and lithium hydride to experiments in the National Ignition Facility (NIF) mega-laser when it is completed at Livermore Lab. Using these materials in the NIF will increase its usefulness for nuclear weapons development. It will also make the NIF more hazardous to workers and the environment. I join California Peace Action and the Livermore-based

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- 4/26.01, 26.03 cont. | Tri-Valley CAREs in calling for a close out of the NIF project and termination of plans to use plutonium and other new materials in it.
- 5/37.01 | 4. New Technologies for Producing Plutonium Bomb Cores: This plan makes Livermore Lab the place to test new manufacturing technologies for producing plutonium pits for nuclear weapons. A pit is the softball-sized piece of plutonium that sits inside a modern nuclear weapon and triggers its thermonuclear explosion. DOE says these new technologies will then be used in a new bomb core factory, called the Modern Pit Facility (MPF). The Livermore Lab plutonium pit program will enable the MPF and production of 150 - 450 plutonium bomb cores annually, with the ability to run double shifts and produce 900 per year. This production capability would approximate the combined nuclear arsenals of France and China each year. I join California Peace Action and the Livermore-based Tri-Valley CAREs in calling for termination of this technology development project.
- 6/39.01 | 5. Enhancing Readiness to Resume Full-Scale Nuclear Tests: This plan calls for Livermore Lab to develop diagnostics to "enhance" the nation's readiness to conduct full-scale underground nuclear tests at the Nevada Test Site. This is a dangerous step back to the days of unrestrained nuclear testing and I join with California Peace Action and Tri-Valley CAREs to oppose any move to "enhance" U.S. readiness to conduct full-scale tests.
- 7/35.01 | 6. Mixing Bugs and Bombs: This plan mixes bugs and bombs at Livermore Lab. It calls for collocating an advanced bio-warfare agent research facility with nuclear weapons activities in a classified area at Livermore Lab. The DOE proposes genetic modification and aerosolization (spraying) with live anthrax, plague and other deadly pathogens on site at LLNL. This could weaken the international biological weapons treaty -- and it poses a risk to workers, the public and the environment here in the California. Interestingly, this program is listed as part of LLNL's "no action alternative" as though it were an existing program -- even though it is not yet constructed. Tri-Valley CAREs has brought litigation against it, and a federal Judge has issued a "stay" prohibiting the importation of dangerous pathogens into the facility while the lawsuit moves forward. I join Tri-Valley CAREs in opposing the operation of a bio-warfare agent facility at Livermore Lab.
- 8/04.01 | I believe the DOE plan to introduce new weapons programs into LLNL will promote a new arms race and escalate the nuclear danger. Further, the DOE proposal to double LLNL's plutonium storage limit to 3,300 pounds and triple the amount held "at risk" in any one room increases the environmental threat LLNL poses to the people of California. The SWEIS propels Livermore Lab in exactly the wrong direction.
- 9/07.01 | Instead of proposing new weapons projects, DOE should enhance the peaceful,

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9/07.01
cont.

civilian scientific capabilities and mission at Livermore Lab by proposing new, unclassified programs in environmental cleanup, non-polluting and renewable energy, earth sciences, astrophysics, atmospheric physics and others. The alternative of a "green lab" in Livermore should be pursued instead of the dangerous nuclear weapons future proposed by the Site Wide Environmental Impact Statement.

Sincerely,

Jeffrey Osman
Santa Cruz, Calif.

Osman, Jeffrey
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Expanded Nuclear activity planned for Lawrence Livermore Labs in Livermore, California

URGENT ACTION NEEDED: Public comment period ends May 27. Please cut and paste the following letter (or write your own) into a new email or print out to snail mail. Be sure to sign and date it. If you add additional comments to the letter below, or if you write your own - and if those comments are different than other's comments - those letters must be included in the final environmental impact statement. If you do add comments or write your own letter, please keep a copy of it for further possible action. The DOE will send confirmation that your letter was received - keep this for your files as well. Be sure your comments reach the DOE by May 27!

letters go to:

tom.grim@oak.doe.gov

or snail mail:
 Mr. Tom Grim
 DOE, NNSA, L-293
 7000 East Avenue
 Livermore, CA 94550

for further information contact Tri-Valley CAREs at (925) 443-7148
www.trivalleycares.org <<http://www.trivalleycares.org>>

The letter itself is in blue text. Following the letter is information about what DOE & LLL is proposing.

Dear Mr. Grim,

Please consider this letter with my comments on the environmental and proliferation risks from proposed nuclear weapons development and new plutonium and tritium programs at the U.S. Department of Energy's (DOE) Lawrence Livermore National Laboratory (LLNL).

10/02.01

I write to you because the DOE has prepared a draft Site Wide Environmental Impact Statement (SWEIS) that proposes to ramp up nuclear weapons activities at the Livermore Lab in Northern California. Livermore Lab is working on the design of a new, high-yield nuclear bunker-buster, called the "Robust Nuclear Earth Penetrator," and I oppose its development. Additionally, I oppose the development of so-called "mini-nukes" and other new nuclear weapons concepts being researched at Livermore Lab.

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Here are my comments on six dangerous new programs being proposed at Livermore Lab.

11/08.02

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12/27.01,
33.01

2. Plutonium Atomic Vapor Laser Isotope Separation (AVLIS): This plan will revive a project that was canceled more than 10 years ago because it was dangerous and unnecessary. The project is Plutonium AVLIS. This is a scheme to heat and vaporize plutonium and then shoot multiple laser beams through the hot vapor to separate out plutonium isotopes. To do this, Livermore Lab plans to increase the amount of plutonium that can be used at one time in any one room from 44 pounds to 132 pounds - a 3-fold increase. I join California Peace Action and the Livermore-based Tri-Valley CAREs in calling for cancellation of this project.

13/26.01,
26.03

3. Dangerous New Experiments in the National Ignition Facility Mega-Laser: This plan will add plutonium, highly-enriched uranium and lithium hydride to experiments in the National Ignition Facility (NIF) mega-laser when it is completed at Livermore Lab. Using these materials in the NIF will increase its usefulness for nuclear weapons development. It will also make the NIF more hazardous to workers and the environment. I join California Peace Action and the Livermore-based Tri-Valley CAREs in calling for a close out of the NIF project and termination of plans to use plutonium and other new materials in it.

14/37.01

4. New Technologies for Producing Plutonium Bomb Cores: This plan makes Livermore Lab the place to test new manufacturing technologies for producing plutonium pits for nuclear weapons. A pit is the softball-sized piece of plutonium that sits inside a modern nuclear weapon and triggers its thermonuclear explosion. DOE says these new technologies will then be used in a new bomb core factory, called the Modern Pit Facility (MPF). The Livermore Lab plutonium pit program will enable the MPF and production of 150 - 450 plutonium bomb cores annually, with the ability to run double shifts and produce 900 per year. This production capability would approximate the combined nuclear arsenals of France and China each year. I join California Peace Action and the Livermore-based Tri-Valley CAREs in calling for termination of this technology development project.

15/39.01

5. Enhancing Readiness to Resume Full-Scale Nuclear Tests: This plan calls for Livermore Lab to develop diagnostics to "enhance" the nation's readiness to conduct full-scale underground nuclear tests at the Nevada Test Site. This is a dangerous step back to the days of unrestrained nuclear testing and I join with California Peace Action and Tri-Valley CAREs to oppose any move to "enhance" U.S. readiness to conduct full-scale tests.

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16/35.01	<p>6. Mixing Bugs and Bombs: This plan mixes bugs and bombs at Livermore Lab. It calls for collocating an advanced bio-warfare agent research facility with nuclear weapons activities in a classified area at Livermore Lab. The DOE proposes genetic modification and aerosolization (spraying) with live anthrax, plague and other deadly pathogens on site at LLNL. This could weaken the international biological weapons treaty -- and it poses a risk to workers, the public and the environment here in the California.</p> <p>Interestingly, this program is listed as part of LLNL's "no action alternative" as though it were an existing program -- even though it is not yet constructed, Tri-Valley CAREs has brought litigation against it, and a federal Judge has issued a "stay" prohibiting the importation of dangerous pathogens into the facility while the lawsuit moves forward. I join Tri-Valley CAREs in opposing the operation of a bio-warfare agent facility at Livermore Lab.</p>
17/04.01	<p>I believe the DOE plan to introduce new weapons programs into LLNL will promote a new arms race and escalate the nuclear danger. Further, the DOE proposal to double LLNL's plutonium storage limit to 3,300 pounds and triple the amount held "at risk" in any one room increases the environmental threat LLNL poses to the people of California. The SWEIS propels Livermore Lab in exactly the wrong direction.</p>
18/07.01	<p>Instead of proposing new weapons projects, DOE should enhance the peaceful, civilian scientific capabilities and mission at Livermore Lab by proposing new, unclassified programs in environmental cleanup, non-polluting and renewable energy, earth sciences, astrophysics, atmospheric physics and others. The alternative of a "green lab" in Livermore should be pursued instead of the dangerous nuclear weapons future proposed by the Site Wide Environmental Impact Statement.</p> <p>Sincerely,</p> <p>Name:</p> <p>Address:</p> <p>State:</p> <p>The Department of Energy has released a draft site-wide Environmental Impact Statement on Livermore Lab's planned operations for the coming t e n y e a r s . The law requires DOE to seek public input before moving forward. This is a once in a decade chance to make our voices heard.</p> <p>DOE and Livermore Lab plan to:</p> <p>_ More than double the plutonium limit at the Lab from 1,540 to 3,300 pounds; _ Manufacture prototype plutonium bomb cores on site; _ Heat plutonium and shoot multiple laser beams through the vapor cloud; _ Use plutonium in National Ignition</p>

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	<p>Facility (NIF) experiments; _ Manufacture radioactive tritium targets for NIF, increasing the Lab's tritium at risk limit nearly 10-fold; _ Undertake activities to speed a return to full-scale nuclear testing; and _ Collocate a bio-warfare agent research facility with nuclear weapons -- and call it an existing facility even though its operation has been prevented (so far) by Tri-Valley CAREs' legal challenge.</p> <p>MORE ON THE PLAN TO DOUBLE THE PLUTONIUM AND RAMP UP NUCLEAR WEAPONS ACTIVITIES AT LIVERMORE LAB</p> <p>The Dept. of Energy has released its draft site-wide Environmental Impact Statement on Livermore Lab's planned operations for the next ten years.</p> <p>Below, please find a short analysis of what is planned and why YOUR PRESENCE AT ONE OF THE PUBLIC HEARINGS IS NEEDED to stop the bomb makers and the pollution that comes with nuclear weapons.</p>
19/33.01	<p>1. This plan will more than DOUBLE the limit for PLUTONIUM at Livermore Lab from 1,540 pounds to 3,300 pounds. To give you some idea of what that means 3,300 pounds of plutonium can make more than 300 nuclear bombs. One microscopic particle of plutonium, if inhaled, can cause lung cancer or other diseases.</p>
20/27.01	<p>2. This plan will REVIVE a project that was canceled more than 10 years ago because it was dangerous and unnecessary. The project is called PLUTONIUM ATOMIC VAPOR LASER ISOTOPE SEPARATION. This is a scheme to heat and vaporize plutonium and then shoot multiple laser beams through the vapor to separate out plutonium isotopes. To do this, Livermore Lab plans to increase the amount of plutonium that can be used in a single room from 44 pounds to 132 pounds a 3-fold increase. Plutonium Atomic Vapor Laser Isotope Separation is a health risk and a nuclear proliferation nightmare.</p>
21/37.01	<p>3. This plan makes Livermore Lab the place to test new manufacturing technologies for PRODUCING PLUTONIUM PITS for nuclear weapons. A pit is the softball-sized piece of plutonium that sits inside a modern nuclear weapon and triggers its thermonuclear explosion. DOE says these new technologies will then be used in a new bomb factory, called the Modern Pit Facility (MPF). Public and Congressional opposition to the MPF has caused its delay this year. The Livermore Lab plutonium pit program goes full-speed ahead in the wrong direction. It will enable the MPF and production of 150 - 450 plutonium bomb cores annually, with the ability to run double shifts and produce 900 per year. This production capability would approximate the combined nuclear arsenals of France and China each year.</p>
22/26.01, 26.03	<p>4. This plan will add PLUTONIUM, highly-enriched uranium and lithium hydride to experiments in the NATIONAL IGNITION FACILITY megalaser when it is completed at Livermore Lab. Using these materials in the NIF will increase its usefulness for nuclear weapons development. It will also make the NIF more hazardous to workers and the environment. We must stop NIF and these dangerous, new experiments in it.</p>
23/26.04	<p>5. This plan will allow the MANUFACTURE of TRITIUM TARGETS for the NIF megalaser on site at Livermore Lab. The tritium-filled targets are the radioactive fuel pellets that the NIF's 192 laser beams will "shoot" in an attempt to create a thermonuclear explosion. Producing the targets will increase the amount of tritium that is used in any one room at Livermore Lab from the current limit of just over 3 grams to 30 grams nearly 10-fold more. Livermore Lab has a history of tritium accidents, spills and releases.</p>

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|-------------------|--|
| 23/26.04
cont. | The NIF will increase the amount of airborne radioactivity emanating from Livermore Lab. |
| 24/39.01 | 6. This plan also calls for Livermore Lab to develop diagnostics to "enhance" the nation's readiness to conduct full-scale underground NUCLEAR TESTS. This is a dangerous step back to the days of unrestrained nuclear testing. |
| 25/35.01 | 7. This plan mixes bugs and bombs at Livermore. It calls for collocating an advanced BIO-WARFARE AGENT FACILITY with nuclear weapons activities in a classified area at Livermore Lab. The lab proposes genetic modification and aerosolization (spraying) with live anthrax, plague and other deadly pathogens. This could weaken the international biological weapons treaty -- and it poses a risk to workers, the public and the environment here in the Bay Area. |